

JUN. 17. 2004 4:38PM

4th FLR.

OFFICIAL

RECEIVED

CENTRAL FAX CENTER

NO. 076

P. 10

JUN 17 2004

SHEET 1 OF 9

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 249532US0DIV	SERIAL NO. 10/786,548		
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT		Hiroto HIGUCHI, et al.			
		FILING DATE		GROUP			
		February 26, 2004		2852			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
16	AA	5,882,932	03/16/99	TOSAKA, ET AL			
16	AB	5,429,901	07/04/95	MUTO, ET AL			
16	AC	5,368,972	11/29/94	YAMASHITA, ET AL			
16	AD	5,168,028	12/01/92	NANYA, ET AL.			
16	AE	4,956,258	09/11/90	WATANABE, ET AL.			
16	AF	4,808,290	03/13/90	WATANABE, ET AL.			
16	AG	6,004,715	12/21/99	SUZUKI, ET AL.			
16	AH	6,074,794	06/13/00	FUSHIMI, ET AL.			
16	AI	6,010,814	01/04/00	KOTSUGAI, ET AL.			
16	AJ	6,180,298	01/30/01	KURODA, ET AL			
16	AK	6,074,795	06/13/00	WATANABE, ET AL.			
16	AL	6,103,441	08/15/00	TOMITA, ET AL			
16	AM	6,303,258	10/16/01	KATOH, ET AL.			
16	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ	<input type="checkbox"/> Additional References sheet(s) attached Date Considered 6/04					
Examiner J Goodrow							

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SHEET 2 OF 9

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 249532US0DIV	SERIAL NO. 10/786,548		
		LIST OF REFERENCES CITED BY APPLICANT		APPLICANT Hiroto HIGUCHI, et al.			
		FILING DATE February 26, 2004	GROUP 2852				
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
16	AA	5,935,751	08/10/99	MUTSUOKA, ET AL.			
16	AB	4,702,986	10/27/87	IMAI, ET AL.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
16	AO	0 872 774	10/21/98	EUROPE	YES	NO	
16	AP	0 926 563	06/30/99	EUROPE			
16	AQ	1 168 089	01/02/02	EUROPE			
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW	Patent Abstracts of Japan, JP 2000-075536, March 14, 2000.					
	AX	Chinese Office Action w/ corresponding U.S. Application 5,935,751.					
	AY						
	AZ				<input type="checkbox"/> Additional References sheet(s) attached		
Examiner <u>J Goodrow</u>					Date Considered <u>6/04</u>		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

JUN. 17. 2004 4:38PM 4th FLR.

NO. 076 P. 12

SHEET 3 OF 9

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 249532US0DIV	SERIAL NO. 10/786,548		
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT Hiroto HIGUCHI, et al.					
		FILING DATE February 26, 2004		GROUP 2852			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
16	AA	5,554,478	09/10/96	KURAMOTO, ET AL.			
16	AB	5,403,690	04/04/95	KURAMOTO, ET AL.			
16	AC	5,879,849	03/09/99	SAWADA, ET AL.			
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ						
					<input type="checkbox"/> Additional References sheet(s) attached		
Examiner <u>J Goodrow</u>					Date Considered <u>6/04</u>		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 249532US0DIV	SERIAL NO. 10/786,548		
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT Hiroto HIGUCHI, et al.					
		FILING DATE February 26, 2004		GROUP 2852			
		U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
16	AA	5,288,577	02/22/04	YAMAGUCHI, ET AL.			
16	AB	6,303,257	10/16/01	HASEGAWA, ET AL.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
	AO				YES	NO	
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ	<input type="checkbox"/> Additional References sheet(s) attached Date Considered <i>6/04</i>					
Examiner	<i>J Geodrow</i>						
<small>*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 249532US0DIV	SERIAL NO. 10/786,548		
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT		Hiroto HIGUCHI, et al.			
		FILING DATE		GROUP			
		February 26, 2004		2852			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
16	AA	5,721,083	02/24/98	MASUDA, ET AL.			
16	AB	5,554,478	09/10/96	KURAMOTO, ET AL.			
16	AC	5,403,690	04/04/95	KURAMOTO, ET AL.			
16	AD	5,344,732	09/06/94	CHIBA, ET AL.			
16	AE	4,980,258	12/25/90	AOKI, ET AL.			
16	AF	4,933,250	06/12/90	NAKAYAMA, ET AL.			
16	AG	4,950,573	08/21/90	YAMAGUCHI, ET AL.			
16	AH	4,762,763	08/09/88	NOMURA, ET AL.			
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
	AO				YES	NO	
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ						
						<input type="checkbox"/> Additional References sheet(s) attached	
Examiner	J Goodrow						
Date Considered 6/04							
*Examiner Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

SHEET 6 OF 9

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 249532US0DIV	SERIAL NO. 10/786,548		
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT		Hiroto HIGUCHI, et al.			
		FILING DATE		GROUP			
		February 26, 2004		2852			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
16	AA	6,363,229	03/26/02	SHIRAISHI, ET AL.			
16	AB	6,258,502	07/10/01	NAKAMURA, ET AL.			
16	AC	6,406,826	06/18/02	SUZUKI, ET AL.			
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
	AO				YES	NO	
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ	<input type="checkbox"/> Additional References sheet(s) attached					
Examiner						Date Considered	6/04
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

SHEET 7 OF 9

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 249532US0DIV	SERIAL NO. 10/786,548		
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT Hiroto HIGUCHI, et al.					
		FILING DATE February 26, 2004		GROUP 2852			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
16	AA	6,360,088	03/19/02	KINOSHITA, ET AL.			
16	AB	6,395,443	05/28/02	KURODA, ET AL.			
16	AC	6,403,275	06/11/02	KURAMOTO, ET AL.			
16	AD	6,432,589	08/13/02	UCHINOKURA, ET AL.			
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
	AO				YES	NO	
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ						
Examiner <i>J Goodrow</i>		<input type="checkbox"/> Additional References sheet(s) attached Date Considered <i>6/04</i>					
<small>"Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant."</small>							

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 249532US0DIV	SERIAL NO. 10/786,548
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT Hiroto HIGUCHI, et al.			
		FILING DATE February 26, 2004		GROUP 2852	
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS SUB CLASS FILING DATE IF APPROPRIATE
16	AA	6,335,137	01/01/02	SUZUKI, ET AL.	
16	AB	6,168,894	01/02/01	AOKI, ET AL.	
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				
	AL				
	AM				
	AN				
FOREIGN PATENT DOCUMENTS					
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO
	AO				
	AP				
	AQ				
	AR				
	AS				
	AT				
	AU				
	AV				
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)					
	AW				
	AX				
	AY				
	AZ				
					<input type="checkbox"/> Additional References sheet(s) attached
Examiner J Goodrow					Date Considered 6/04
<small>*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 509; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>					

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 249532US0DIV	SERIAL NO. 10/786,548		
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT		Hiroto HIGUCHI, et al.			
		FILING DATE		GROUP			
		February 26, 2004		2852			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
16	AA	6,337,957	01/08/02	TAMAKI, ET AL.			
16	AB	6,442,364	08/27/02	KAI, ET AL.			
16	AC	6,468,706	10/22/02	MATSUDA, ET AL.			
16	AD	6,507,718	01/14/03	OHJIMI, ET AL.			
16	AE	6,505,014	01/07/03	AOKI, ET AL.			
16	AF	6,238,835	05/01	TAVERNIER, ET AL.			
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
	AO				YES	NO	
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner	J Goodrow				Date Considered 6/04		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 608; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



LIST OF RELATED CASES

<u>Docket Number</u>	<u>Serial or Patent Number</u>	<u>Filing or Issue Date</u>	<u>Inventor/ Applicant</u>
249273US0 DIV	10/786,549	02/26/04	HIGUCHI, et al.
249532US0 DIV*	10/786,548	02/26/04	HIGUCHI, et al.

Claims considered 6/04 16